

COLOR REPRODUCTION SYSTEM

Patent Number: JP2000338950
Publication date: 2000-12-08
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Requested Patent: ☐ JP2000338950
Application Number: JP19990146520 19990526
Priority Number(s):
IPC Classification: G09G5/06; G06T1/00; G09G5/00; H04N1/60; H04N1/46; H04N9/64
EC Classification:
Equivalents:

Abstract

PROBLEM TO BE SOLVED: To provide a color reproduction system capable of executing accurate color reproduction in the whole color reproduction range.

SOLUTION: In this color reproduction system equipped with a color image display means (projector A (102-1), B (102-2), screen 103) having one or more primary colors, and a color conversion means (image output device 101) for converting input tristimulus values into color image signals in each primary color of the color image display means, the color conversion means (image output device 101) is equipped with a region decision device for deciding a color conversion region, to which the input tristimulus values belong, in a three-dimensional color space, and a display signal calculation device for converting the input tristimulus values into the color image signals, based on a color conversion parameter corresponding to the color conversion region.

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